

REMARKS

The specification has been amended to correct minor obvious errors. A marked up version of the amended paragraphs of the specification is attached hereto pursuant to 37 C.F.R. § 1.121(b)(iii). Claims 1-16 have been amended for clarity. A marked up version of the amended claims is also attached hereto pursuant to 37 C.F.R. § 1.121(c)(ii). New claims 17-22 have been added. Thus, claims 1-22 are presently pending in this application for consideration.

The amendments to the present application are made to place the application in better form and to place the application in condition for allowance. No new matter has been added. Entry and consideration of these amendments prior to the first Office Action are respectfully requested.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at Los Angeles, California, telephone number (213) 337-6742 to discuss the steps necessary for placing the application in condition for allowance.

If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-1314.

Respectfully submitted,

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Version with markings to show changes made:

IN THE SPECIFICATION:

Please amend the paragraph on page 2, starting at line 8 as follows:

It is therefore an [object] advantage of the present invention to provide a disc and a disc recording apparatus capable of creating a CD that can be increased in recording capacity and is also playable on an ordinary CD player.

IN THE CLAIMS:

Please amend the claims as indicated below:

1. (Once Amended) A disc recording apparatus for recording data on a disc [using] comprising a recording address y calculated from $y = n(x \cdot m) + m$, where x is an absolute time address generated on the basis of a pregroove formed on the disc, n is a scale factor of recording density, and m is a recording start address.

2. (Once Amended) [An] The apparatus according to claim 1, wherein information regarding storage capacity for data storage on [said] the disc is received, and on the basis of the received information, [said] the scale factor n of recording density is determined.

3. (Once Amended) [An] The apparatus according to claim [1] 2 comprising means for comparing [said] the received information regarding storage capacity and a predetermined maximum storage capacity.

4. (Once Amended) [An] The apparatus according to claim 2, wherein if the predetermined maximum storage capacity is exceeded in a comparison of the received information regarding storage capacity and the maximum storage capacity, data indicating that recording is impossible is sent.

5. (Once Amended) [An] The apparatus according to claim [1] 2, comprising means for comparing [said] the received information regarding storage capacity and two predetermined maximum storage capacities.

6. (Once Amended) [An] The apparatus according to claim [1] 2, wherein [said] the received information regarding storage capacity is sent from an external computer.

7. (Once Amended) [An] The apparatus according to claim 1, wherein [said] the n is greater than 1 and less than or equal to 1.2.

8. (Once Amended) [An] The apparatus according to claim 7, wherein if scale factor n that is determined on the basis of received information exceeds 1.2, a response is sent indicating that recording at that scale factor n is impossible.

9. (Once Amended) A disc recording apparatus for recording data to a disc [with the] comprising a recording address calculated as $y = n(x-m) + m$ in the case where an offset address does not exist, where x is the absolute time address generated on the basis of the pregroove formed on the disc, n is the scale factor of recording density, and m is the recording start address, and the recording address z calculated as $z = y + p$ in the case where recording is performed with [said] the offset address, where p is the offset address.

10. (Once Amended) [An] The apparatus according to claim 9, wherein information regarding storage capacity of [said] the disc for recording data is received, and [said] the scale factor n of recording density is determined on the basis of the received information.

11. (Once Amended) [An] The apparatus according to claim 10 comprising means for comparing [said] the received information regarding storage capacity and a predetermined maximum recording capacity.

12. (Once Amended) [An] The apparatus according to claim 11, wherein if the predetermined maximum storage capacity is exceeded in a comparison of the received information regarding storage capacity and the maximum storage capacity, data indicating that recording is impossible is sent.

13. (Once Amended) [An] The apparatus according to claim [9] 10, comprising means for comparing [said] the received information regarding storage capacity and two predetermined maximum storage capacities.

14. (Once Amended) [An] The apparatus according to claim [9] 10, wherein [said] the received information regarding storage capacity is sent from an external computer.

15. (Once Amended) A disc recorded with data [, wherein] comprising data [is] recorded with y as a recording address calculated from $y = n(x-m) + m$, where x is an absolute time address generated on the basis of a pregroove formed on the disc, n is a scale factor of recording density, and m is a recording start address.

16. (Once Amended) [A] The disc according to claim 15, wherein [said] the n is greater than 1 and less than or equal to 1.2.